Homework 3

CMIS 141
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Screen capture of my program compiling and running my 3 test cases in an IDE. The pane on the right is the output, center pane is my test class, left pane the project file browser.

Test tables showing the input, expected and actual output, and pass/fail status for my 3 test cases.

Input	Expected Output	Actual Output	Pass
volume=1, pluggedIn=true,	********* TEST 1 ********* Default object toString() =	********* TEST 1 ********* Default object toString() = HeadPhone{volume=2,	Pass

Manufacturer= 'Audio Technica' headPhoneColor= Black headPhoneModel= ATH-M50X changeVolume=3	HeadPhone{volume= 2, pluggedIn=false, manufacturer='', headPhoneColor=jav a.awt.Color[r=0,g=0,b =0], headPhoneModel=''} *** Setters *** Setters complete: HeadPhone{volume= 1, pluggedIn=true, manufacturer='Audio Technica', headPhoneColor=jav a.awt.Color[r=255,g= 0,b=0], headPhoneModel='A TH-M50X'} *** Getters *** getVolume() = 1 getHeadPhoneColor() = java.awt.Color[r=255, g=0,b=0] getHeadPhoneModel( ) = ATH-M50X getManufacturer() = Audio Technica isPluggedIn() = true *** changeVolume() *** Changed volume: HeadPhone{volume= 3, pluggedIn=true, manufacturer='Audio Technica', headPhoneColor=jav a.awt.Color[r=255,g= 0,b=0], headPhoneModel='A TH-M50X'}	pluggedIn=false, manufacturer='', headPhoneColor=java.a wt.Color[r=0,g=0,b=0], headPhoneModel=''} *** Setters *** Setters complete: HeadPhone{volume=1, pluggedIn=true, manufacturer='Audio Technica', headPhoneColor=java.a wt.Color[r=255,g=0,b=0], headPhoneModel='ATH-M50X'} *** Getters *** getVolume() = 1 getHeadPhoneColor() = java.awt.Color[r=255,g= 0,b=0] getHeadPhoneModel() = ATH-M50X getManufacturer() = Audio Technica isPluggedIn() = true *** changeVolume() *** Changed volume: HeadPhone{volume=3, pluggedIn=true, manufacturer='Audio Technica', headPhoneColor=java.a wt.Color[r=255,g=0,b=0], headPhoneModel='ATH-M50X'}	
volume=3, pluggedIn=false,	********* TEST 2 ********* Default object	********* TEST 2 ***********	Pass

Manufacturer= 'Sennheiser'' headPhoneColor= black headPhoneModel= 'HD660 S Apogee' changeVolume=2	toString() = HeadPhone{volume=2, pluggedIn=false, manufacturer='', headPhoneColor=java.awt.Color[r=0,g=0,b=0], headPhoneModel=''} *** Setters *** Setters complete: HeadPhone{volume=3, pluggedIn=false, manufacturer='Sennheiser', headPhoneColor=java.awt.Color[r=0,g=0,b=0], headPhoneModel='HD660 S Apogee'} *** Getters *** getVolume() = 3 getHeadPhoneColor() = java.awt.Color[r=0,g=0,b=0] getHeadPhoneModel() = HD660 S Apogee getManufacturer() = Sennheiser isPluggedIn() = false *** changeVolume() *** Changed volume: HeadPhone{volume=2, pluggedIn=false, manufacturer='Sennheiser', headPhoneColor=java.awt.Color[r=0,g=0,b=0], headPhoneModel='HD660 S Apogee'}	Default object toString() = HeadPhone{volume=2, pluggedIn=false, manufacturer='', headPhoneColor=java.awt.Color[r=0,g=0,b=0], headPhoneModel=''} *** Setters *** Setters complete: HeadPhone{volume=3, pluggedIn=false, manufacturer='Sennheiser', headPhoneColor=java.awt.Color[r=0,g=0,b=0], headPhoneModel='HD660 S Apogee'} *** Getters *** getVolume() = 3 getHeadPhoneColor() = java.awt.Color[r=0,g=0,b=0] getHeadPhoneModel() = HD660 S Apogee getManufacturer() = Sennheiser isPluggedIn() = false *** changeVolume() *** Changed volume: HeadPhone{volume=2, pluggedIn=false, manufacturer='Sennheiser', headPhoneColor=java.awt.Color[r=0,g=0,b=0], headPhoneModel='HD660 S Apogee'}	
volume=2,	********* TEST 3 *********	********* TEST 3 *********	Pass

pluggedIn=true, Manufacturer= 'Audeze' headPhoneColor= blue headPhoneModel= 'LCD-4' changeVolume=1	Default object toString() = HeadPhone{volume= 2, pluggedIn=false, manufacturer='', headPhoneColor=jav a.awt.Color[r=0,g=0,b =0], headPhoneModel=''} *** Setters *** Setters complete: HeadPhone{volume= 2, pluggedIn=true, manufacturer='Audez e', headPhoneColor=jav a.awt.Color[r=0,g=0,b =255], headPhoneModel='L CD-4'} *** Getters *** getVolume() = 2 getHeadPhoneColor() = java.awt.Color[r=0,g= 0,b=255] getHeadPhoneModel( ) = LCD-4 getManufacturer() = Audeze isPluggedIn() = true *** changeVolume() *** Changed volume: HeadPhone{volume= 1, pluggedIn=true, manufacturer='Audez e', headPhoneColor=jav a.awt.Color[r=0,g=0,b =255], headPhoneModel='L CD-4'}	Default object toString() = HeadPhone{volume=2, pluggedIn=false, manufacturer='', headPhoneColor=java.a wt.Color[r=0,g=0,b=0], headPhoneModel=''} *** Setters *** Setters complete: HeadPhone{volume=2, pluggedIn=true, manufacturer='Audeze', headPhoneColor=java.a wt.Color[r=0,g=0,b=255], headPhoneModel='LCD-4'} *** Getters *** getVolume() = 2 getHeadPhoneColor() = java.awt.Color[r=0,g=0,b =255] getHeadPhoneModel() = LCD-4 getManufacturer() = Audeze isPluggedIn() = true *** changeVolume() *** Changed volume: HeadPhone{volume=1, pluggedIn=true, manufacturer='Audeze', headPhoneColor=java.a wt.Color[r=0,g=0,b=255], headPhoneModel='LCD-4'}	